USB LAN ISDN

Quick Installation Guide

M73-APO08-360

Table of Contents

PARTS NAMES AND FUNCTIONS	
HARDWARE INSTALLATION	2
INSTALLING THE USB LAN ISDN	2
Connecting the USB Cabling	2
Connecting to an ISDN Network	2
Connecting to the LAN Network	2
SOFTWARE INSTALLATION	3
WINDOWS 98SE INSTALLATION	3
WINDOWS 2000 INSTALLATION	9
WINDOWS ME INSTALLATION	12
WINDOWS XP INSTALLATION	16

Parts Names and Functions



- 1. **USB Cable:** connects the USB LAN ISDN to the USB host port of your computer.
- 2. USB Port: connects to the USB cable's square end.
- 3. LAN Port: connects to a LAN Cable.
- 4. ISDN Port: connects to an ISDN Cable.
- Link Indicator: glows green when 10/100M Fast Ethernet is linked.
- 6. **B1 Indicator:** glows green when the transmitting / receiving data in 64 Kbps speed mode.
- 7. **B2 Indicator:** glows green when the transmitting / receiving data in 128 Kbps speed mode.

HARDWARE INSTALLATION

Installing the USB LAN ISDN

Connecting the USB Cabling

- 1. Insert the USB cable's square end into the adapter's USB port.
- 2. Insert the rectangular end of the USB cable into the USB host port on your PC.

Connecting to an ISDN Network

- 1. Connect one end of an ISDN cable into the adapter's ISDN port.
- Connect the other end of the ISDN cable into S/T port on NT1 ISDN device.

Connecting to the LAN Network

- 1. Connect one end of the LAN cable into the adapter's LAN port.
- 2. Connect the other end of the LAN cable to a Hub.

SOFTWARE INSTALLATION

Windows 98SE Installation

- Once the device is connected, windows 98SE will automatically detect the device and appear the following figure. Click Next to continue.
- 2. Select Search for the best driver for your device (Recommended) and click Next.
- Insert the device driver into your CD-ROM. Select Specify a location, direct Windows 98SE to the location where the driver stored (e.g. E:\USB) and click Next. Windows 98SE will search for the suitable driver for the software installation need.

Add New Hardware Wizard	
	Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Nexto start the search.
	<back next=""> Cancel</back>

 Click Next. Windows 98SE will start copying necessary files onto your system.



- 5. In ISDN Configuration, click Next.
- 6. Select the switch protocol that your telephone company uses and click **Next**.

ISDN Configuration		×
	Select the switch protocol that your telephone company uses from the list below.	
	Switch protocol:	
I I I I I I I I I I I I I I I I I I I	DSS1: Euro-ISDN	
	< <u>Back</u> Next> Cancel	

7. Enter the telephone numbers that your ISP provided and click **Next**.

ISDN Configuration	×
	Enter the telephone numbers. If you have only one telephone number you may leave the second phone number blank. Phone number 1:
	Phone number 2:

8. Click Finish.

ISDN Configuration		×
	The ISDN configuration is complete. To use ISDN, create a new connection using Dial-Up Networking, and select your ISDN adapter as the device to use for the connection. To modify the settings you have just entered, go to the ISDN Tools program group under Accessories on the Start Menu and click on ISDN Configuration Wizard.	
	<back cancel<="" finish="" td=""><td></td></back>	

- 9. Click **Finish** to continue the software installation.
- 10. Windows 98SE will automatically detect the device and appear the following figure. Follow the on-screen instructions.

Add New Hardware Wizar	1
	This wizard searches for new drivers for:
	USB 10/100 Ethernet
	A device driver is a software program that makes a hardware device work.
*	
	<back next=""> Cancel</back>

- 11. Select Search for the best driver for your device (recommended) and click Next.
- Select Specify a location, direct Windows 98SE to the location where the driver stored (e.g. E:\USB) and click Next. Windows 98SE will search for the suitable driver for the software installation need.
- Click Next. Windows 98SE will start copying necessary files onto your system.



14. The installation program will proceed automatically. Click **Finish**.

Add New Hardware Wizard	
	Intelligent USB 10/100 Network Adapter
	Windows has finished installing the software that your new hardware device requires.
	KBack Finish Cancel

- 15. When Windows prompts you to restart your computer, click **Yes**.
- To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.
- 17. Go to Start → Settings → Control Panel → Systems → Device Manager.
- 18. Click Intelligent ISDN Drivers, Network adapters and Universal Serial Bus controllers to expand. If Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter and Generic USB Hub are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.

System Properties	? ×
General Device Manager Hardware Profiles Performance	
View devices by type View devices by connection	
Intelligent ISDN Drivers	
Intelligent CAPI 2.0 driver	
Intelligent USB adapter	
H Wanitara	
Monitors	
Work adapters	
Dial-Up Adapter	
Intelligent ISDN WAN miniport	
Intelligent USB 10/100 Network Adapter	
Ports (COM & LPT)	
E System devices	
🗄 🖶 Universal Serial Bus controllers	
Generic USB Hub	-
Pronerties Befresh Bernove Print	
OK Ca	ncel

Windows 2000 Installation

- 1. Once the device is connected, Windows 2000 will automatically detect the device and appear the following figure. Click **Next** to continue.
- 2. Select Search for a suitable driver for my device (Recommended) and click Next.
- 3. Select Specify a location and click Next.
- Insert the device driver into your CD-ROM. Click Browse, direct Windows 2000 to the location where the driver stored (e.g.: E:\USB) and click OK.



 Click Next. Windows 2000 will start copying necessary files onto your system.



- 6. Click Finish to continue.
- Windows 2000 will automatically detect the device and appear the following figure. Click Next to continue.
- 8. Select Search for a suitable driver for my device (recommended) and click Next.
- 9. Select Specify a location and click Next.
- Click Browse, direct Windows 2000 to the location where the driver stored (e.g.: E:\USB) and click OK.



 Click Next. Windows 2000 will start copying necessary files onto your system.



- 12. Click Yes to continue.
- 13. Click **Finish** to complete the software installation.
- 14. To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.
- 15. Go to Start → Settings → Control Panel
 → Systems → Hardware → Device Manager.
- 16. Click Intelligent ISDN Drivers, Network adapters and Universal Serial Bus controllers to expand. If Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter and Generic USB Hub are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.

Windows ME Installation

- Once the device is connected, Windows ME will automatically detect the device and appear the following figure. Insert the device driver into your CD-ROM drive, select Automatic search for...and click Next. Windows ME will search for appropriate driver and copy necessary files onto your system.
- 2. When the **ISDN Configuration** windows appears, click **Next**.



3. Select appropriate Switch Protocol and click Next.

ISDN Configuration	×
	Select the switch protocol that your telephone company uses from the list below.
	Switch protocol: DSS1: Euro-ISDN
	Cancel

4. Enter the **Phone numbers** that your ISP provided and click **Next**.

ISDN Configuration	×
	Enter the telephone numbers. If you have only one telephone number you may leave the second phone number blank. Phone number 1: Phone number 2:
	<back next=""> Cancel</back>

5. Click Finish.



6. Click **Finish** to continue.

Add New Hardware Wizard	
	Intelligent USB adapter
	Windows has finished installing the new hardware device.
	Ceack Finish Cancel

- Windows ME will automatically detect the device and appear the following figure. Select Automatic search for...and click Next. Windows ME will search for appropriate driver and copy necessary files onto your system.
- 8. Click **Finish** to complete the installation.



- When Windows prompts you to restart your computer, click Yes.
- To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.
- 11. Go to Start → Settings → Control Panel,
 → Systems → Hardware → Device Manager.
- 12. Click Intelligent ISDN Drivers, Network adapters and Universal Serial Bus controllers to expand. If Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter and Generic USB Hub are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.

Windows XP Installation

- Once the device is connected, Windows XP will automatically detect the device and appear the following figure. Insert the device driver into your CD-ROM drive, select Install the software automatically...and click Next. Windows XP will search for appropriate driver and copy necessary files onto your system.
- 2. Click Continue Anyway.

Hardwa	re Installation
1	The software you are installing for this hardware: Intelligent ISDN WAN miniport has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important</u> .) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway

- 3. Click **Finish** to continue.
- Windows XP will automatically detect the device and appear the following figure. Select Install the software automatically...and click Next.
- 5. Click Continue Anyway.



Click Finish to complete the software installation.



- To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.
- 8. Go to Start \rightarrow Settings \rightarrow Control Panel,

→ Systems → Hardware → Device Manager.

 Click Intelligent ISDN Drivers, Network adapters and Universal Serial Bus controllers to expand. If Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter and Generic USB Hub are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.

